

19980720.ba v02_n136.bam.980720

>From ???@??? Tue Jul 21 01:50:22 1998
Message-Id: <199807201541.KAA01143@sco.theporch.com>
Date: Mon, 20 Jul 1998 10:40:53 CDT
Subject: BOATANCHORS digest 2136

BOATANCHORS Digest 2136

Topics covered in this issue include:

- 1) Drake T4XC question
by kf4kl@ipass.net (Doug Hall)
- 2) Re: The Mysterious Work Stuff Has Pups
by gwoods@albany.net (Gary Woods)
- 3) Re: High voltage measurement techniques
by Andre Guibert <aguibert@sympatico.ca>
- 4) Re: The Mysterious Work Stuff Has Pups
by Andre Guibert <aguibert@sympatico.ca>
- 5) FS: RME VHF-152A Converter On eBay
by Tom Laszynski <k8jrm@ionet.net>
- 6) FS: Millen Grid Dip Meter, model 90651, on eBay
by Tom Laszynski <k8jrm@ionet.net>
- 7) Nice find, CR-11
by Larry Kayser <kayser@rideau.net>
- 8) Need ID on mil equipment
by Dave <doragsda@oboe.aix.calpoly.edu>
- 9) What is a 1619 tube?
by hikrbikr@erols.com
- 10) Navy LS, Info needed
by William Donzelli <william@ans.net>
- 11) Wanted - Measurements Corp G.D. Coils
by Jim Roik <jnroik@escape.ca>
- 12) Military radio stuff for sale, work needed
by William Donzelli <william@ans.net>
- 13) Re: High voltage measurement techniques
by "Arden Allen" <gumbear@pacbell.net>
- 14) Re: What is a 1619 tube?
by "Arden Allen" <gumbear@pacbell.net>
- 15) HELP: HP-8601A
by "JOSE V.GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>
- 16) Re: What is a 1619 tube?
by CARRJJ@aol.com
- 17) Re: What is a 1619 tube?
by "Joseph W. Pinner" <kc5ijd@sprintmail.com>
- 18) Re: Tube Numbering Question
by John Shriver <jas@shiva.com>
- 19) Re: Drake T4XC question

by Al Parker <anchor@coastalnet.com>
20) FS: Misc Electronic Pubs/Manuals
by joelutz@juno.com (Joseph W Lutz)
21) Re: What is a 1619 tube?
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
22) RE: More Help Needed
by Ed Sieb <esieb@gmsiworld.com>
23) RE: 1619 tubes
by "Allan D. Fritsche" <fritsche@email.msn.com>
24) TVI Stories
by cswiger <cswiger@wilma.widomaker.com>
25) DC ON FILAMENTS
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
26) HA-5 vfo
by cswiger <cswiger@wilma.widomaker.com>
27) RE: The Mysterious Work Stuff Has Pups
by "Katz, Gene S" <gene.s.katz@lmco.com>

From: kf4kl@ipass.net (Doug Hall)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Drake T4XC question
Date: Mon, 20 Jul 1998 01:44:10 GMT
Message-ID: <35b2a049.98008467@DOUGHALL>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

Hi folks,

I picked up a T4XC/R4C this weekend, and have really been enjoying it. After some use, however, it appears that the transmitter has a bit of a problem. After I have been transmitting for a while the rigs locks up in transmit. Happens with SSB or CW. I can continue to use it, ie. I can still key it on CW or talk into the mic on SSB but the TX relay never drops out. Shutting off the power for a while will correct the problem, but only temporarily.

There appears to be another problem relating to the use of the R4C. When I turn on the T4XC the S-meter on the R4C drops considerably. I can't tell if the sensitivity is actually lower or if the S-meter is just reading lower.

Have any of you C-line owners seen this? I haven't opened up the transmitter yet, but plan to do so this week and check all the tubes, etc.

73,

Doug, KF4KL

From: gwoods@albany.net (Gary Woods)

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: The Mysterious Work Stuff Has Pups
Date: Mon, 20 Jul 1998 02:04:37 GMT
Message-ID: <35c9a317.185098508@mail.albany.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On Sun, 19 Jul 1998 17:59:36 -0500 (EST), you wrote:

>*Nobody*
>knew what a "shady-dog RCA hi-fi record" was--yes, it *is* Nipper, but the
>term "shaded dog" refers specifically to RCA's earlier efforts at serious
>33-1/3 stereo records, felt by many audiophiles to be among the best ever
>pressed.

I can't resist- and it's _almost_ BA-related: Does anybody know what that odd-shaped surface under Nipper is? (I got the alleged "straight skinny" from an old salt at the Camden training operation. He claimed he was so old, his first job was walking Little Nipper for the General!)

What frequency would that rig be on? I've spent time babysitting a broadband one that spans 82-88 MHz, and helped change a damper diode in one on 810KHz.

--

Gary Woods O- K2AHC Public key at www.albany.net/~gwoods, or get 0x1D64A93D via
keyserver
gwoods@albany.net gwoods@wrrgb.com
fingerprint = E2 6F 50 93 7B C7 F3 CA 1F 8B 3C C0 B0 28 68 0B

Date: Sun, 19 Jul 1998 22:25:25 -0400 (EDT)
Message-Id: <199807200225.WAA01455@smtp13.bellglobal.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Andre Guibert <aguibert@sympatico.ca>
Subject: Re: High voltage measurement techniques

Bonsoir to All
Fixed quite a few Hipotronics KV meters, they had the
resistors in insulating oil but we had to take care
not to have pointed solder joints and we used GE

Silicone liberally on the exposed wiring.
There was also 70 volts surge limiters at the bottom
of resistor string.
Andre

Date: Sun, 19 Jul 1998 22:25:28 -0400 (EDT)
Message-Id: <199807200225.WAA01462@smtp13.bellglobal.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Andre Guibert <aguibert@sympatico.ca>
Subject: Re: The Mysterious Work Stuff Has Pups

Bonsoir Roberta and All
Used Infra Red detection since 1968 , both Agatronics
and Inframetrics systems.
Its a must on new critical power systems while your
warrenty is in force.
Phase unbalance to your transmitter P/S is also quite
visible in the shades of grey.
A bientot cherie
Andre

Message-Id: <3.0.1.16.19980719092937.4dcf9aa0@ionet.net>
Date: Sun, 19 Jul 1998 09:29:37
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom Laszynski <k8jrm@ionet.net>
Subject: FS: RME VHF-152A Converter On eBay
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=21837226>

Oklahoma City, OK 73150-8113, USA
E-mail: k8jrm@ionet.net

Message-Id: <3.0.1.16.19980719093341.498f9db0@ionet.net>
Date: Sun, 19 Jul 1998 09:33:41
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom Laszynski <k8jrm@ionet.net>
Subject: FS:Millen Grid Dip Meter, model 90651, on eBay

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=21736508>

Message-Id: <2.2.32.19980720025110.00670514@rideau.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 19 Jul 1998 22:51:10 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Larry Kayser <kayser@rideau.net>
Subject: Nice find, CR-11

Greetings everyone:

I stopped by Ford's in Smiths Falls the other day and they had a nice CR-11 radio set. Now this has the CSR-5 receiver and the companion transmitter , 813 final, in about a 4 ft cabinet. There was a matching colour (grey) and VERY heavy power supply nearby, even closer to the door.

This is not toy stuff, first it is heavy, second it has heritage, and I hope there is someone who really wants it. I bet I could get it running in less than a day, well used, but looks very serviceable. I did not have time to discuss with either Ron or Bill what the price is, but it is a complete unit.

I also saw a '52 set that was recoverable as well.

Also saw an HT-11 that is recoverable

I have no financial interest in Ford's etc etc etc, but it is nice to see some radio stuff coming through them.

Larry
VA3LK / WA3ZIA

Date: Sun, 19 Jul 1998 20:08:36 -0700 (PDT)
Message-Id: <199807200308.UAA16398@rubens.artisan.calpoly.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dave <doragsda@oboe.aix.calpoly.edu>
Subject: Need ID on mil equipment

I'm trying to ID two pieces of equipment from afar, does anyone have any

info. onthe following:

AN/PRS-1

and

CIH-52245-A Radio Transmitter

Thanks in advance

73

DAve Ragsdale

KF6BOM

David Ragsdale

doragsda@oboe.calpoly.edu

From: hikrbikr@erols.com
Message-ID: <35B22EEA.1707@erols.com>
Date: Sun, 19 Jul 1998 18:37:46 +0100
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: What is a 1619 tube?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It looks like a metal 6L6. ARRL Handbook (1958) lists it under transmitting tubes, with 15 watt plate dissipation, 400 volt plate voltage, 2.5 volt filament. Base diagram (Fig 74) shows no cathode. I was looking for 1614s to put in my Viking Ranger and remembered I had several of these. Clearly they won't do. What are/were they used for? Does anyone need any?

73,

Mike Steussy AE4R

Vienna Va

Date: Sun, 19 Jul 1998 23:28:54 -0400 (EDT)
From: William Donzelli <william@ans.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Navy LS, Info needed
Message-Id: <Pine.GS0.3.96.980719232016.1606A-1000000@titan.purch.ans.net>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have had an interesting bit of test gear in my shop for a bit now, and it is starting to grow on me...

It is called a Model LS Squadron Signal Generator Equipment, and manifests itself in a black wrinkle box about a foot on each side. It is nothing special in the circuit department, and apparently was used to tune up the early Navy ILS (Instrument Landing System) boxes called ZAs.

Anyway, I need a manual for the beast, as well as an antenna, called a CWI-66035. I know this is a longshot, but does anyone have such things?

William Donzelli
william@ans.net

Message-Id: <3.0.1.32.19980719223614.006b59e8@mail.escape.ca>
Date: Sun, 19 Jul 1998 22:36:14 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Jim Roik <jnroik@escape.ca>
Subject: Wanted - Measurements Corp G.D. Coils
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've found a Measurements Corporation Model 59 Megacycle Meter (Grid Dipper) without the coil set. Does anyone happen to have a coil set they are willing to part with, or any idea where I might be able to come across one.

Thanks.

Jim VE4AQ

Date: Sun, 19 Jul 1998 23:45:25 -0400 (EDT)
From: William Donzelli <william@ans.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Military radio stuff for sale, work needed
Message-Id: <Pine.GS0.3.96.980719232859.1606B-100000@titan.purch.ans.net>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am starting to clear out some stuff, here is the first round:

CNA-46161-B Sort of famous low frequency receiver, this one made by National (thus, a goodie). Has an extra switch on the front, unknown function but well done, certainly mucked up wires reside inside, paint not great. A good restoration candidate.

R-45/ARR-7 Repackaged Hallicrafters set (I forget which one - the one

that covers the HF bands, not the VHF ones). Serious restoration candidate here, folks - missing power stuff, case painted booger yellow, etc., but I do not think there are any extra holes in the metal.

TU-6-B Standard tuning unit for the BC-375 series transmitters.
Seems complete, but the paint is not good.

I would like to trade this stuff off for Navy stuff, like radar junk. You can not insult me with silly offers, as I know the above is no great shakes. Pick up is preferred, but I could ship the stuff if I had to. I also could deliver anywhere along Interstate 95 from Providence, RI to Washington, DC, eventually.

William Donzelli
Carmel, NY
william@ans.net

Message-Id: <199807200421.VAA06985@mail-gw2.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: High voltage measurement techniques
Date: Sun, 19 Jul 1998 21:23:30 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello Ben;

> *BUT* The VTVM has resistance too, and if I remember correctly, the HP
> 412A is around 10 meg? 11 meg? So it will affect the reading. So I'll
> actually be reading voltage across 5 meg, right?

The HP412A has an input resistance of 1000 megohms. It introduces 1% error to the 10 megohm resistor, hardly worth worrying about because you probably are using 5% resistors. 1200 volts is not too nasty to use ordinary voltage probing techniques. If you get yourself connected to your crt anode voltage you will get a nasty but not likely deadly jolt because of the limited current available. That's not a good reason to be sloppy though, a KW amplifier plate supply, that will fry your a_ _.

The high voltage probes made for use with VTVM's work well except for being not very accurate, 10% tolerance resistors being common, good enough for TV work. You just need to figure out the multiplication factor from the info

supplied with the probe or disassemble the probe to read the value of the multiplier resistor. Be carefull they, are delicate.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <199807200432.VAA10733@mail-gw2.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: What is a 1619 tube?
Date: Sun, 19 Jul 1998 21:34:54 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello Mike;

> It looks like a metal 6L6. ARRL Handbook (1958) lists it under
> transmitting tubes, with 15 watt plate dissipation, 400 volt plate
> voltage, 2.5 volt filament. Base diagram (Fig 74) shows no cathode. I
> was looking for 1614s to put in my Viking Ranger and remembered I had
> several of these. Clearly they won't do. What are/were they used for?

A 1619 IS a 6L6 with a 2.5 volt filamentary cathode. Its primary virtue is quick warmup. It was probably designed for systems that needed to be turned on and ready to run in about two seconds. They are used in Sprague TO- series capacitor checkers as grid controlled rectifiers, I'm not sure why a filamentary cathode is needed there unless it is a type that is immune to the affects of high voltage on a cathode just warming up. Does anyone know?

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <3.0.1.32.19980720090746.00b1594c@192.168.0.1>
Date: Mon, 20 Jul 1998 09:07:46 +0200
To: Old Tube Radios <boatanchors@theporch.com>
From: "JOSE V.GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>
Subject: HELP: HP-8601A
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang,

I know the HP sweeper is NOT a BA item itself, but I want it to align some filters on my Racal RA-117 _true_ BA so, please, let me ask for help about it here. Thanks for understanding!. Anyway, the DEL key could be fastly pressed now, if you want.

Well, I got that unit in unworking condition, but I knew that, so no surprise. There is a problem in the PS section, and some old Motorola semiconductors are bad. Please, if anybody knows were to find this kind of components (specially made for HP, with references as M1654-0237 marked on the components), let me know. I can send you a list of the needed parts.

I suspect also of a trouble in the VTO module (200.1 to 310.1 MHz oscillator). As I have no way to get into that kind of circuit (too many MHz for my test equipment :-(), I wonder if there is any HP-8601A parts unit around... I would be happy to buy it or parts of it to restore my unit.

Thanks and best regards.

JOSE

73 EB5AGV / EC5AAU
JOSE V. GAVILA
Ausias March 46, 15
46910 Benetusser - VALENCIA
SPAIN

** VISIT MY VINTAGE RADIO SITE - updated 24-June-1998 ***
<http://www.geocities.com/SiliconValley/6992/>
e-mail: eb5agv@ctv.es & eb5agv@amsat.org

From: CARRJJ@aol.com
Message-ID: <6196032c.35b2ede4@aol.com>
Date: Mon, 20 Jul 1998 03:12:35 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Re: What is a 1619 tube?
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

A 1614 is a metal 6L6 in 2.5V filament.

Message-Id: <199807201210.FAA26459@raven.prod.itd.earthlink.net>
Subject: Re: What is a 1619 tube?
Date: Mon, 20 Jul 1998 07:20:46 -0000
From: "Joseph W. Pinner" <kc5ijd@sprintmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>A 1619 IS a 6L6 with a 2.5 volt filamentary cathode. Its primary virtue is

>quick warmup. It was probably designed for systems that needed to be
>turned on and ready to run in about two seconds. They are used in Sprague
>T0- series capacitor checkers as grid controlled rectifiers, I'm not sure
>why a filamentary cathode is needed there unless it is a type that is
>immune to the affects of high voltage on a cathode just warming up. Does
>anyone know?

Perhaps because after WWII they were available in the thousands for pennies. It may have strickly been an economic choice.

This is the reason 1629s were used in Heath capacitor checkers.

73

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijd@sprintmail.com

Date: Mon, 20 Jul 1998 09:33:31 -0400
Message-Id: <199807201333.JAA20982@brill.shiva.com>
From: John Shriver <jas@shiva.com>
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: Tube Numbering Question

There's a good explanation of this in Tube Lore.

The first number relates to filament power in watts. It's probably logarithmically scaled, by the time you reach 9 it's in the kilowatt range!

The letter indeed tells the general tube type. D is thyatron, B is indeed diode.

The second number is completely sequential.

I'm working from memory, but it was used in the 1940-1944 period. Not sure if it was a JETEC/RMA scheme, or whether it was military. It was found to not be scaling well, and was replaced by JETEC/RMA registration of sequential (meaningless) tube numbers starting at 5500. Those numbers just about reached 9000 (where RCA had some non-registered numbers) when tube designs stopped coming out -- or at least stopped being registered.

Message-Id: <3.0.5.32.19980720093626.00854870@mail1.coastalnet.com>

Date: Mon, 20 Jul 1998 09:36:26 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Al Parker <anchor@coastalnet.com>
Subject: Re: Drake T4XC question
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:44 AM 7/20/98 GMT, Doug Hall wrote:

> After I have been transmitting for a while the rigs
> locks up in transmit. Happens with SSB or CW. I can continue to use
> it, ie. I can still key it on CW or talk into the mic on SSB but the
> TX relay never drops out. Shutting off the power for a while will
> correct the problem, but only temporarily.

Hi Doug,

Sorry I missed you at Cary, maybe we talked & didn't recognize. I had the TR3, HT-32 & SX-101, but spent a little time looking around - there was very little real BA interest, but a lot of reminiscing by "old" but non-BA folks.

Your "hang" problem is not unusual for Drakes, but I'm not sure of the "one" solution. VOX delay adjust sometimes helps, as does the RF gain or level knob (reduce). I know a weak tube does it, but not sure which one, maybe some one can help us out. I think it is not in the obvious VOX area.

My TR4 and T4XB both do it sometimes.

Non-BA, but past personal topic (I think), I'm using my NIR-12 with the SS rig always. Are there any upgrades/enhancements? I left CA in April, back in NC permanently.

73,
Al, W8UT
New Bern, NC
Boat Anchors appreciated here
anchor@coastalnet.com

To: Old Tube Radios <boatanchors@theporch.com>
Cc: ham-books@qth.net
Date: Mon, 20 Jul 1998 13:38:15 UTC
Subject: FS: Misc Electronic Pubs/Manuals
Message-ID: <19980720.133822.12110.0.JOELUTZ@juno.com>
From: joelutz@juno.com (Joseph W Lutz)

Following is a list that many that indicated interest in, but even after several requests, checks were never received.

NAVSEA 0967-LP-000-0120 Electronics Insrtallation and Mainenance Book

Electronic Circuits
Department of The Navy
Naval Ship Engineering Center

Published December 1972

This is over 3" thick, and although the outside/edges of the pages show that it has been 'used', the contents is very good and complete.

30.00/Shipped Conus

Allied Industrial Electronics Catalog, No. 670 [1967] Hard Bound
Version

Other than the name Richard C. Peck-W4RL written in on the front cover where the Catalog had the provision for ''personal property of'' and Mr. Peck's name and address on the inside of the cover, this is a trip back into yester-year when we had all the BA's available to us, but for many of us, we still dreamed. Catalog still had the Allied Order Blank[s] and credit applications attached in the center of the catalog.

7.00/Shipped Conus

Following group of ref books as a lot:

- [1] ABC's Of Electronics - by Farl J. Waters - 1979 Version
- [2] Radio Shack Electronics Data Book - 1st edition - 1972
- [3] Radio Shack Electronics Data Book - 2nd edition - 1983
- [4] Allied Electronics Data Handbook - 5th edition - 1967
- [5] Tube Substitution Handbook - No. 12 - Sams Publication - 12th edition - 1969

[[These are necessary for the BA substitutions]]

15.00/Shipped Conus

TM-11-690 Basic Theory and Application of Transistors - Dept of Army - 1959

[Cover has stain - like something laid on it - contents not harmed. Includes Change 1]

8.00/Shipped Conus

73 de Joe W7LPF/4 [NNN0KUJ]
QWCA - SOWP - NCVA - FISTS - RCC
Gordonsville, Va 22942 [Orange Co]

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Message-Id: <3.0.1.32.19980720091321.00975860@vuse.vanderbilt.edu>
Date: Mon, 20 Jul 1998 09:13:21 +0100
To: Old Tube Radios <boatanchors@theporch.com>
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Re: What is a 1619 tube?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:20 AM 7/20/98 -0000, you wrote:

>>A 1619 IS a 6L6 with a 2.5 volt filamentary cathode. They are used in
Sprague
>>T0- series capacitor checkers as grid controlled rectifiers, I'm not sure
>>why a filamentary cathode is needed there unless it is a type that is
>>immune to the affects of high voltage on a cathode just warming up. Does
>>anyone know?
>
>Perhaps because after WWII they were available in the thousands for
>pennies. It may have strickly been an economic choice.
>
>This is the reason 1629s were used in Heath capacitor checkers.
>
As well as 1626's, triodes which are used solely as a rectifier.....

A. B. Bonds

Message-ID: <01BDB3C7.B81FD680@esieb.gmsiworld.com>
From: Ed Sieb <esieb@gmsiworld.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: More Help Needed
Date: Mon, 20 Jul 1998 10:18:14 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Sounds like PCB's are dripping out of a damaged capacitor or possibly an =
oil-cooled transformer. The stuff can be cleaned up with paper towels =

if you like, but wear good rubber gloves. There are all sorts of scare = stories about handling PCB's but the basic rule is don't ingest it, nor = get it into any open wounds. Treat it with respect. Of course, = determine which component is leaking and plug it up, or replace the = component.

Be careful about mentioning this leak to the seller - if this is PCB's = and the seller is ultra-cautious about environmental matters, the deal = could be killed. PCB laden equipment can only be moved by licensed = HazMat transporters. Just be aware of these facts.

Ed, VA3ES

Message-ID: <009101bdb3eb\$ef5bcfe0\$50bb2499@default>
From: "Allan D. Fritsche" <fritsche@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: 1619 tubes
Date: Mon, 20 Jul 1998 09:36:42 -0500

1619 tubes can also be found in the Heathkit PS-3 regulated high voltage power supply circa middle 50's. Manual lists them as control tubes working in conjunction with a 6SJ7 control amplifier. I know cause I got one on the bench.

Al
KD5CML
fritsche@msn.com

Date: Mon, 20 Jul 1998 10:54:38 -0400 (EDT)
From: cswiger <cswiger@wilma.widomaker.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: TVI Stories
Message-ID: <Pine.BSF.3.96.980720104835.3444B-100000@wilma.widomaker.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gary Woods <gwoods@albany.net> spoke thusly:

>Legend has it that a fellow in NY City was working 80-meter CW with a
>KW not far from NBC's network center when the first color
>transmissions were made with not-that-well-shielded encoders. Managed
>to cause coast-to-coast TVI, but not for long. At that time, most TV

>engineers could copy Morse, so they got him to QSY pretty quickly.

That's pretty good story :)

One of the local yocals like to tell one about going to pick up his xyl from church, got there a little early so passed the time working his mobile rig. When everyone came out she told him he was coming in loud and clear on the church organ hi.

Chuck
kb4new
cswiger@widomaker.com

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Mon, 20 Jul 1998 10:57:53 -0400 (EDT)
Subject: DC ON FILAMENTS
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9807201057.aa10152@pcusa01.ecunet.org>

One other way to reduce hum with ac-operated filaments is to put some positive dc voltage on it. This is best done using a filament transformer with a center-tapped secondary. It adds some dc "bias" between the filament & cathode to block ac current flow from heater to cathode. Perhaps it could be done without the center tap.

Example is Halli SX-101A. Puts about +40 vdc (from +150 vdc reg line) into center tap for filament of HF oscillator tube. This tube has its own fil transformer, runs continuously for thermal stability.

But I like reg. dc best. It's easy these days (Zener reg), not so in days of BA yore & the regulation is important for some oscillators.

-John Sehring (Fri, Jul 17, 1998 at Custer, SD USA) UCC wb2eqg

Date: Mon, 20 Jul 1998 11:06:40 -0400 (EDT)
From: cswiger <cswiger@wilma.widomaker.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: HA-5 vfo
Message-ID: <Pine.BSF.3.96.980720110325.5230A-100000@wilma.widomaker.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Steve stevef@gte.net asks:

>I have a questoin for the group. For which radio did the Hallicrafters
>HA-5 Vfo match.

Mine came bundled with an HT-40 novice xmtr.

Chuck
kb4new
cswiger@widomaker.com

Content-return: allowed
Date: Mon, 20 Jul 1998 11:40:37 -0400
From: "Katz, Gene S" <gene.s.katz@lmco.com>
Subject: RE: The Mysterious Work Stuff Has Pups
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <D977A62BE8F4D111B31E0000F8081AD00C373F@emss04m16.ems.lmco.com>
MIME-version: 1.0
Content-type: multipart/mixed; boundary="----- =_NextPart_000_01BDB3F5.0EF9E4AF"

This message is in MIME format. Since your mail reader does not understand
this format, some or all of this message may not be legible.

----- =_NextPart_000_01BDB3F5.0EF9E4AF
Content-Type: text/plain

It is the coffin of Nipper's master. Allegedly, he (Nipper) is listening to
His Master's Voice coming through the loudspeaker of the Victor Talking
Machine which is sitting on top of the coffin. I got this from the engineer
who designed and installed the power plant at the Victor Talking Machine Co.
in Camden.(Al is now as dead as the RCA plant is, unfortunately.)

Gene S. Katz
Senior Member Engineering Staff
Lockheed Martin Government Electronic Systems
Bldg 108-136, PO Box 1027
199 Borton Landing Road
Moorestown, NJ 08057-0927

(609)722-3035 ph
(609)722-2310 fax
gene.s.katz@lmco.com

----- =_NextPart_000_01BDB3F5.0EF9E4AF
Content-Type: application/ms-tnef
Content-Transfer-Encoding: base64

eJ8+IjgPAQaQCAAEAAAAAAAAABAAEAAQeQBgAIAAAAA5AQAAAAAADoAAEIgAcAGAAAAE1QTS5NaWNy
b3NvZnQgTWfPbC50b3RlADEIAQWAAwA0AAAAzgcHABQACwAoACUAAQBJAQEggAMADgAAAA4HBwAU
AAAsAKgA1AAEAwwEBCYABACEAAAAA1NUNEMzg3NkQ0MUZEMjExQjMyQzAwMDBG0DA4MUFEMAAGBwEE
gAEAJwAAAFJF0iBUaGUgTXlzdGVyaW91cyBXb3JrIFN0dWZmIEhhcyBQdXBzAGUNAQ2ABAACAAAA
AgACAAEDkAYACaAACIAAAAAeAHAAAQAAACMAAABUaGUgTXlzdGVyaW91cyBXb3JrIFN0dWZmIEhh
cyBQdXBzAAACAXEAAQAAABsAAAAABvBODU4cqirHfH3YR0r/iAAD4HkqnABwimtIAAwAuAAAAAAAE
AEIQAQAAACUAAAA8MzVjOWEzMTcuMTg1MDk4NTA4QG1haWwuYWxiYW55Lm5ldD4AAAAAAgEJEAEA
AAACAwwAA/gIAAKEEAABMwKZ13pv2V/8ACgEPAhUCpAPkBesCgwBQEwNUAgBjaArAc2V07jIGAABD
AoMyA8YHEwKDXjMERwhVB7ICgzQRJ3CEcnESIEJvb2sDgghPbGQGAHR5bGVtAoM1D38QhzYE1hZF
TdRhdAhwYXQVAYABQSQQ2FwaQGQbHMCg8Y3Gd0IUG1pYwYEBEAFaAoM4Gd1MdWNpZKUbEEgAcGR3
BRB0C4C6ZwKAfQqACM8J2Tsh3wgyNTUu/2UxMjgfaAoAKgQ2xC2AgwDEwM98UIAsKFcEL8BIgSQVA
BADgIHRoZSAFoA3QC4CuICiAB7AFIHAekCcEIKkAwHN0BJAuE3BsF6BCZwmAbHksIChBKPUpFCkn
8mwEACnQAwAgwH0oIG8gICgBGsApwilxV15vHdAoUUh3ALDJ0A2B1jGdoKCMhcHVkcy1A3GFrFREo
4SgyVh3QLGD1BcBUB0BrLCIawBGwC4D9KFB3MUARsCfyAJACQCwi0wIgLFFwL6YodCoASSD8Z28F
QCgWKAEDUigjCfB+ZzFRFRExkCxcwDbAAKgf/MWAXUCBBJ/AAGBwRF6AXUPEoMnBvdxURC1ECMDaQ
fzRCMA8xFghQKgAosRvQbdsNsDPQKCoRJ/JuN9A2kBsEIA2wYTABKBRsQ0Hn0BUEACqwdW4CEAAg
PdD1GtB1KpAuK3AKhwtKgcLHJ6AhQBLhaSBHCfAoU0pTKgBLGtB6PzcewkAF5wwwPs4YEjE2B1ED
AAWydmUG0BURRTVVLcIXcGHDDdAKHuxvY2soQDZxxxrAACAAosUdvdgSRB4B90FFFF6A5EANGAwAd
4XnpKcFtcwqFQhdALEAmUCA4LTEzNiqwUE81FqF4ShEyNwqFMTnuORahACAYoUwgQSwiCADvPFBD
TEKvQ7ZNFsAh4CnARTfQbiqwTkogSjAwYDU3LTA5S0cKhSiKN1EAKQHAMI0zJmDKNtewaFG+MjMm
UDSgHGF4CoUqYDFgLnMuomtBIUBsbQWgLi3BCwqFIQEAVwAAAEAAOQCw8Q++9L09AQMA8T8JBAAA
HgAxQAEAAAAAUAUKRCMTUwODM1AAAAAAwAaQAAAAAAeADBAAQAAAAoAAAABSREIxNTA4MzUAAAAAD
AB1AAAAAAMA/T/kBAAAAwAmAAAAAADADYAAAAAAABRwABAAAAANGAAAGM9VVM7YT1BVFRNQ1M
03A9TE1DTztsPUVNU1MwNE0xNi050DA3MjAxNTQwMzdaLTE5NDg0AAAAAGH5PwEAAABJAAAAAA
ANynQMjAQhAatLkIACsv4YIBAAAAAACA9PPUxNQ08vT1U9U0lURTA0L0N0PVJFQ0lQSUV0VFMv
Q049UkRCMTUwODM1AAAAAB4A+D8BAAAAADQAAAEthdHosIEdlbmUgUwAAAAAAeADhAAQAAAAoAAAABS
REIxNTA4MzUAAAAACAfs/AQAAAEKAAAAA3KdAyMBCEBq0uQgAKy/hggEAAAAAAL089TE1D
Ty9PVT1TSVRfMDQvQ049UkVDSVBjRU5UuY9DTj1SREIxNTA4MzUAAAAAHgD6PwEAAAAAANAAS2F0
eiwgR2VuZSBTAABAA4A0UABAAAAACgAAAFJEQjE1MDgzNQAAAEABzDapw2+9L09AUAAACDCv5Pk0
9b09AR4APQABAAAAABQAAAFJF0iAAAAAAHgAdDgEAAAAjAAAAVGh1IE15c3Rlcm1vdXMgV29yayBT
dHVmZiBiYXNlbnVlcwAAHgA1EAEAAAABAAAAAPEQ5NzdBNjJCRThGNEQxMTFCMzFFMDAwMEY4MDgx
QUQwMEMzNzNGQGVtc3MwNG0xNi5lbXMubG1jby5jb20+AAAsAKQAAAAACwAjAAAAAADAAyQjd8p
WAMABxDmAQAAAwAQEAAAAAADABEQAAAAAB4ACBAAAAAZQAAAE1USVNUSEVDT0ZGSU5PRk5JUFBF
U1NNQVNURVJBTEExFR0VETfksSEUoTk1QUEVSKU1TTE1TVEVOSU5HVE9ISVNNQVNURVJTVk9JQ0VD
T01JTkdUSFJPVUdIVEhFTE9VRFNQRUEAAAAAGF/AAEAAAABAAAAAPEQ5NzdBNjJCRThGNEQxMTFC
MzFFMDAwMEY4MDgxQUQwMEMzNzNGQGVtc3MwNG0xNi5lbXMubG1jby5jb20+AEPE

----- =_NextPart_000_01BDB3F5.0EF9E4AF--

End of BOATANCHORS Digest 2136
